

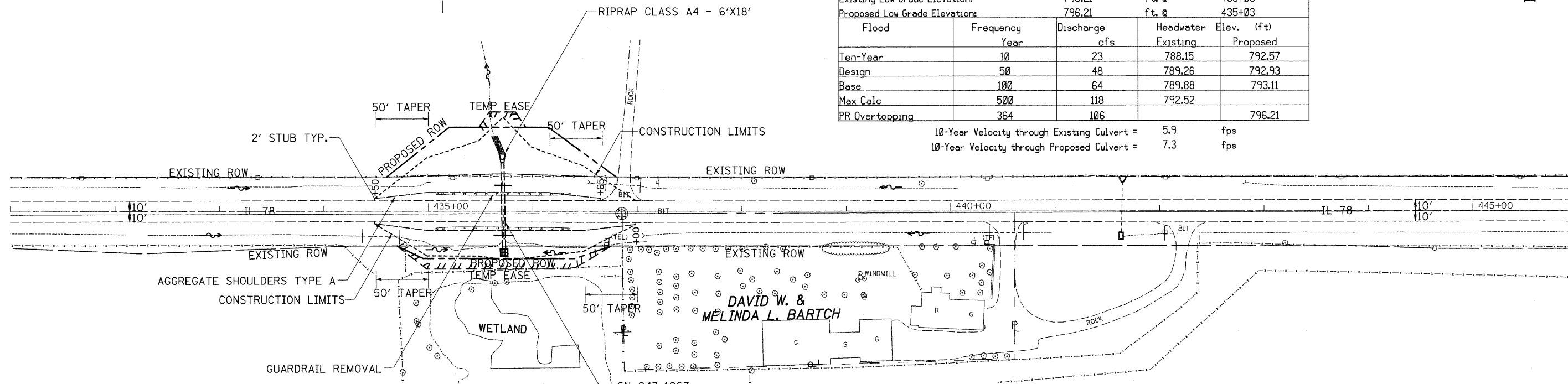
PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

ROBERT & JANE VANHAMME

Drainage Area =	37.20	acres	
Existing Low Grade Elevation:	796.21	ft. @ 435+03	
Proposed Low Grade Elevation:	796.21	ft. @ 435+03	
Flood	Frequency	Discharge	Headwater Elev. (ft)
	Year	cfs	Existing Proposed
Ten-Year	10	23	788.15 792.57
Design	50	48	789.26 792.93
Base	100	64	789.88 793.11
Max Calc	500	118	792.52 796.21
PR Overtopping	364	106	

10-Year Velocity through Existing Culvert = 5.9 fps
 10-Year Velocity through Proposed Culvert = 7.3 fps



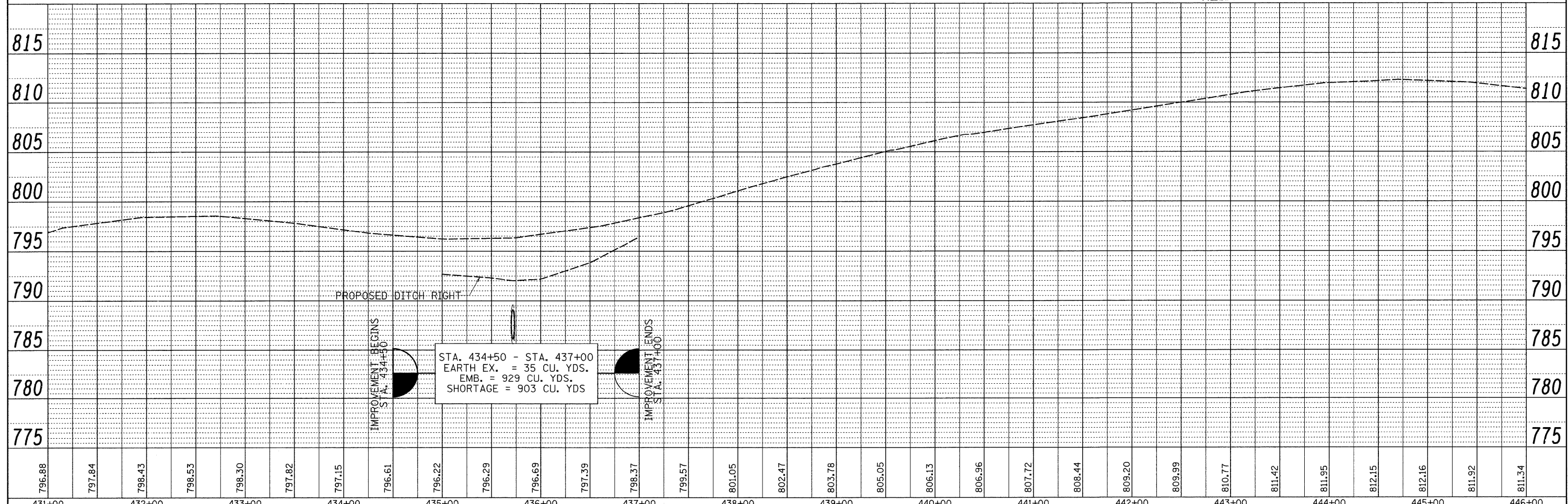
X = TREE REMOVAL



THOMAS R. & MELODY HEIDENREICH

SN 043-1067
 STA 435+71.8 - 85' - INSERTION CULVERT LINER 36"
 W/ PRECAST RC FLARED END SECTIONS 36" LT &
 DROP BOX NO.3 RT
 U/S ELEV = 786.12
 D/S ELEV = 785.67

THOMAS R. & MELODY HEIDENREICH



FILE NAME =	USER NAME = henssonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 78 PLAN & PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pwwork\pwwid\HENSONKE\dms33697\024707pln.rdg		DRAWN -	REVISED -			642	(10-11)T	JODAVIESS	283	53
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			SCALE: 1:50		CONTRACT NO. 64D07		
PLOT DATE = Tue Sep 30 14:08:30 2008		DATE -	REVISED -			SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT		